

AMENDMENTS TO THE SPECIFICATION

Please delete the fifth full paragraph on page 23 in the specification, and replace with the following new one:

Fig. 5 is a view showing the presser member of the sensor-bearing apparatus of Fig. 3~~1~~;

Please delete the sixth full paragraph on page 24 in the specification, and replace with the following new one:

Figs. 16 (a) to 16 (c) ~~are~~ is views showing the caulking method of the sensor holder;

Please delete the first full paragraph on page 47 in the specification, and replace with the following new one:

Figs. 16 (a) and (b) are views showing a method of caulking and securing one end 331a of the sensor cover 331 in the concave groove 16 formed in the outer diametrical face 132b of the outer ring 132. Herein, in a caulk 400, caulking screws 401 are equidistantly provided in the circumferential direction of the ring shaped sensor cover 331, that is, disposed in an equiangular arrangement in positions of $nZ \pm X$. The caulk 400 forces to tighten the caulking screws 401, so that the front end 401a of the caulking screw 401 firmly secures one end 331a of the sensor cover 331 into the concave groove 16. Herein, n is a positive integer, Z is the number of balls in the bearing, and X is the positive integer of 2 or more. That is, the number of caulking positions is desirably prime. The sensor cover to be caulked and secured may employ such a sensor cover 340 equidistantly formed cutouts in one end as shown in Fig. 16(c).

Please delete the first full paragraph bridging pages 50-51 in the specification, and replace with the following new one:

Fig. 18 is the cross sectional view showing the structure of the magnet 334. The magnet 334 is fixed at the outer diametrical face to the magnet holder 332, and is opposite to the

magnetically sensitive sensor 333 and the sensor positioning member 337. In the embodiment, the magnet 334 is structured in that eight pieces of N poles 334a of the same shape and eight pieces of S poles 334b are alternately connected in ring. The magnet 334 is, similarly to the sensor positioning member 337, disposed to be concentric with the shaft rotating center, and rotates together with the rotation of the inner ring 124. Being concentric with the sensor positioning member 337, the distance between the magnet and the magnetically sensitive sensor 333 is not changed, irrespective of the rotating position of the magnet 334. Each of N poles 334a and S poles 334b is arranged such that the magnetic flux density is made strong in the direction of the magnetically sensitive sensor 333.

Please delete the third full paragraph on page 51 in the specification, and replace with the following new one:

The sensor-rolling bearing 310 of the eighth embodiment is secured in that the sensor cover 331 holding the magnetically sensitive sensor 333 caulks the plural positions in the concave groove 16 defined in the outer diametrical face of the outer ring 132. Further, the magnet holder 332 holding the magnet 334 is forced to fix the end of the inner ring 124. Therefore, it is possible to dispose the magnetically sensitive sensor 333 and the magnet 334 in the right position, without providing the step portion of much dispersion in size.